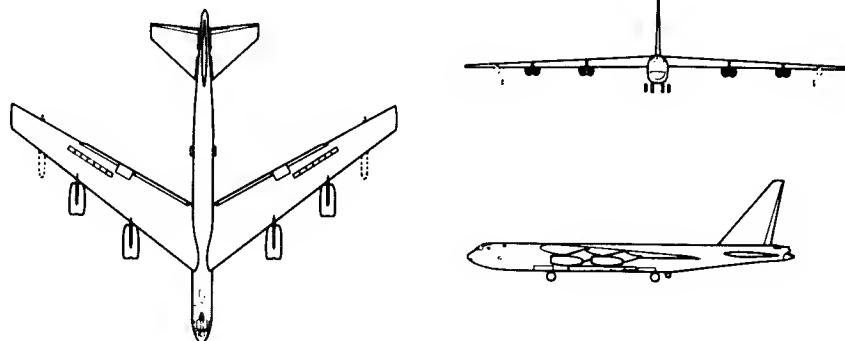


Characteristics Summary



"STRATOFORTRESS"

BOEING

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

1. The B-52D airplane is same as RB-52C except that it does not have the bomb bay (Capsule) convertibility to a reconnaissance characteristic.
2. Delivery: Five B-52D airplanes are scheduled for delivery . . . Dec 56 (est)

Navy Equivalent: None

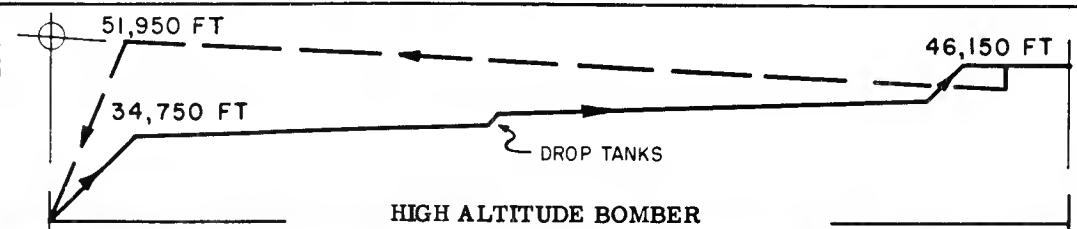
Mfr's Model:464-201-6

CLASSIFICATION CANCELLED (OR CHANGED TO <u>Unclassified</u>)	
BY AUTHORITY OF <u>Colonel B. S. S. G.</u> (NAME, GRADE OR RANK, WRITTEN AUTH.)	
BY <u>Block 5</u> <u>Jan 22 1970</u> <u>2000</u> <u>00000000000000000000000000000000</u> (NAME & GRADE OF INDIVIDUAL MAKING CHANGE)	
(DATE)	

POWER PLANT	FEATURES	ARMAMENT
(8) J57-P-19W Pratt & Whitney ENGINE RATINGS	Crew 6	Turret 1 Guns . . . 4 x .50 cal (M-3)
S.L.S. LB - **RPM - MIN	Cabin Pressurization	Ammunition (tot) . 2400 rds
Max: *12,100-6450/9900-5	Heating and Cooling	BOMBS:
Mil: 10,500-6150/9900-30	Thermal Anti-Icing	No. Class (lb)
Nor: 9000-5900/9650-Cont	Braking Parachute	New Series
* Wet	Quadricycle Landing Gear	27(Family of Clusters) 1000
** First figure represents	Aerodynamic Spoilers (Air-brake)	Special Weapons
low pressure spool; second	Vertical Camera Station	1 30,000
figure represents high pres-	Steerable Landing Gear	2 8600
sure spool.	MA-6 Bombing-Nav. System	
Note: At present there are	A-3A Fire Control System	
no requirements for ATO	Folding Fin	
	Max Fuel Cap: . . 42,110 gal	Max Bomb Load: 1 x 43,000 lb
		Note: Structural provisions for 50,000 lb bomb; space and structural provisions for XB-63

Characteristics Summary Basic Mission

B-52D



P E R F O R M A N C E

COMBAT RADIUS	FERRY RANGE	S P E E D
3625 naut. mi with 10,000 lb payload at 457 knots avg. in 15.93 hours.	7260 (c) naut. mi with 42,110 gal fuel at 457 knots avg. in 15.93 hours at 447,500 lb T.O. wt.	COMBAT 489 knots at 46,150 ft alt, max power MAX 546 (b) knots at 20,000 ft alt, max power BASIC 518 knots at 35,000 ft alt, max power
CLIMB	CEILING	TAKE-OFF (d)
2240 fpm sea level, take-off weight normal power	38,050 ft 100 fpm, take-off weight normal power	ground run 8350 ft no assist — ft assisted
5430 fpm sea level, combat weight maximum power	47,350 ft 500 fpm, combat weight maximum power	over 50 ft height 10,650 ft no assist — ft assisted
LOAD	WEIGHTS	STALLING SPEED
Bombs 10,000 lb Ammunition: 2400 rds/.50 cal Fuel: protected 40,956 gal droppable 63 gal external 15 gal 15 gal	Empty..... 165,110 lb Combat... 279,900 lb Take - off 450,000 lb limited by structure	136 knots power-off, landing configuration, take-off weight
TIME TO CLIMB		—

N O T E S

1. Performance Basis:
 (a) Preliminary flight test of XB-52 and YB-52.
 (b) Limited by structure
 (c) Tanks carried all the way
 (d) Per design criteria the minimum take-off distances are: 7800 ft ground run and 30,000 ft over 50 ft obstacle.

Revision Basis: To reflect latest performance and characteristics data.